



23490 Connecticut Street
Hayward, California 94545
510.773-9137-510.782-8584 Fax

May 27, 2005

Mr. William J. Gaffney
NAPA SANITATION DISTRICT
935 Hartle Court
Napa, CA 94559

**Re: April 2005 Compliance Monitoring Results for the Jefferson Car Wash Site
Groundwater Extraction and Treatment System, 3080 Jefferson Street,
Napa, California, Industrial User Permit No. 495950.**

Dear Mr. Gaffney:

This letter presents the results of April 2005 Compliance Monitoring for the Groundwater Extraction and Treatment System (System) at the Jefferson Car Wash site, 3080 Jefferson Street, Napa, California. Compliance monitoring and reporting have been conducted in accordance with the guidelines stipulated in the Industrial User Permit No. 495950. Presented herein are the results of the 13th compliance monitoring event after System start-up on March 29, 2004.

The compliance monitoring activities for this reporting period were performed by Decon Environmental Services, the operations and maintenance (O&M) contractor for the System, under the direction of Malcolm Pirnie on April 29, 2005. The monitoring activities included:

1. Sampling the System effluent.
2. Recording the total volume of raw water discharged from individual extraction wells (EW-2 and EW-3).
3. Recording the total volume of treated water discharged to sanitary sewer.

Per the Permit requirements, effluent samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) by United States Environmental Protection Agency (USEPA) Method 8015M, TPH as gasoline (TPH-G), benzene, toluene, ethylene, total xylenes (BTEX), and methyl-tertiary-butyl ether (MTBE) by USEPA Method 8260B, and total lead by USEPA Method 6010B.

Mr. William J. Gaffney
NAPA SANITATION DISTRICT

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Table 1 presents the analytical results for the System effluent and the System flow parameters. The analytical laboratory report is attached.

The analytical laboratory reported the concentrations of constituents of concern to be non-detect in the System effluent except for total lead. The total lead concentration in the System effluent was 0.005 mg/L, which was below the 0.14 mg/L permitted reporting limit. The average daily discharge rate for this reporting period was estimated to be 4.92 gallons per minute (gpm), which was below the 8 gpm limit. A total of 127,549 gallons of treated water was discharged to the sanitary sewer during this reporting period.

Please contact Jason at (510) 732-6444 Ext. 17 or Todd Miller with Malcolm Pirnie at (510) 735-3014 to discuss any comments or questions.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that a qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,

DECON ENVIRONMENTAL SERVICES



Jason Gulbransen
Project Manager

Attachments: Table 1, Analytical Laboratory Report

c: George Altamura, Altamura Enterprises

Mr. William J. Gaffney
NAPA SANITATION DISTRICT

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Joel Coffman, Napa County
Todd Miller, Malcolm Pirnie
File (4459-008)

P:\4459\008\GWTS Compliance Monitoring\Text\April 2005 Compliance Monitoring Letter Report.doc

TABLE 1
Compliance Monitoring Results, April 2005
Interim Groundwater Extraction and Treatment System
Jefferson Car Wash Site
Industrial User Permit No: 495950

Parameter	Units	USEPA Method	Date Collected	System Effluent	Permitted Reporting Limit ¹
Volatile Organic Compounds					
Methyl Tertiary-Butyl Ether	µg/L ²	8260B	4/29/2005	< 1	1.0% LEL ³
Benzene	µg/L	8260B	4/29/2005	< 0.5	1.0% LEL
Toluene	µg/L	8260B	4/29/2005	< 0.5	1.0% LEL
Ethylbenzene	µg/L	8260B	4/29/2005	< 0.5	1.0% LEL
Xylenes, Total	µg/L	8260B	4/29/2005	< 0.5	1.0% LEL
TPH as Gasoline	µg/L	8260B	4/29/2005	< 25	-- ⁴
TPH as Diesel	µg/L	8015M	4/29/2005	< 50	--
Total Lead	mg/L ⁵	6010B	4/29/2005	0.005	0.14
Operational					
Total Volume Discharged to Sanitary Sewer ⁶	gallons	--	4/29/2005	127,549	--
Daily Average System Flow Rate ⁷	gpm ⁸	--	4/29/2005	4.92	8

Notes:

¹ As stated in Industrial User Permit, No: 495950, issued for the System on 03/02/2004.

² Micrograms per liter.

³ Lower explosive limit.

⁴ No reporting limit stated or not applicable.

⁵ Milligrams per liter.

⁶ The sum of volumes extracted from individual wells, EW-2 and EW-3, for this period as recorded by the flow totalizer at the respective well-head.

i.e., { Sum of Flow Totalizer Volume at EW-2 and EW-3 for this period } -

{ Sum of Flow Totalizer Volume at EW-2 and EW-3 for the previous period }

⁷ Calculated as the *Total Volume Discharged to Sanitary Sewer* divided by the number of days the system was in operation during the reporting period (18 days for this period).

⁸ Gallons per minute.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Jason Gulbransen
Decon Environmental Services, Inc.
23490 Connecticut Street
Hayward, CA 94545

Certificate ID: 43365 - 5/13/2005 5:21:56 PM

Order Number: 43365
Project Name: Jefferson Carwash
Project Number: 4470

Date Received: 4/29/2005 2:05:43 PM
P.O. Number: 4470

Certificate of Analysis - Final Report

On April 29, 2005, sample was received under chain of custody for analysis. Entech analyzes samples "as received" unless

<u>Matrix</u>	<u>Test</u>	<u>Method</u>	<u>Comments</u>
Liquid	8260Petroleum	EPA 8260B	
	ICP-Metals	EPA 6010B	
	TPH as Gasoline by GC/MS	GC-MS	
	TPH-Extractable	EPA 8015 MOD. (Extractable)	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,


Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054

Phone: (408) 588-0200

Fax: (408) 588-0201

Decon Environmental Services, Inc.
23490 Connecticut Street
Hayward, CA 94545
Attn: Jason Gulbransen

Project ID: 4470
Date Received: 4/29/2005
P.O. Number: 4470
Sample Collected by: Client

Certificate of Analysis - Data Report

Lab #: 43365-001 Sample ID: Discharge Point Matrix: Liquid Sample Date: 4/29/2005 7:18 AM

EPA 6010B

EPA 3005A

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Lead	0.0050		1	0.0050	mg/L	5/3/2005	WM050503	5/12/2005	WM050503

Analyzed by: Equeja
Reviewed by: DQueja

EPA 8015 MOD. (Extractable)

EPA 3510C

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Diesel	ND		1	50	µg/L	N/A	N/A	5/3/2005	DW050502

Surrogate	Surrogate Recovery	Control Limits (%)
o-Terphenyl	84	22 - 133

Analyzed by: BDhabalia
Reviewed by: bdhabalia

EPA 8260B

EPA 5030B

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1	0.50	µg/L	N/A	N/A	5/2/2005	WMS1050502
Toluene	ND		1	0.50	µg/L	N/A	N/A	5/2/2005	WMS1050502
Ethyl Benzene	ND		1	0.50	µg/L	N/A	N/A	5/2/2005	WMS1050502
Xylenes, Total	ND		1	0.50	µg/L	N/A	N/A	5/2/2005	WMS1050502
Methyl-t-butyl Ether	ND		1	1.0	µg/L	N/A	N/A	5/2/2005	WMS1050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95.9	75 - 125
Dibromofluoromethane	115	75 - 125
Toluene-d8	107	75 - 125

Analyzed by: XBian
Reviewed by: MTu

GC-MS

EPA 5030B

Parameter	Result	Flag	DF	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1	25	µg/L	N/A	N/A	5/2/2005	WMS1050502

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	103	75 - 125
Dibromofluoromethane	103	75 - 125
Toluene-d8	105	75 - 125

Analyzed by: XBian
Reviewed by: MTu

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Quality Control - Method Blank

Liquid

QC Batch ID: DW050502

QC Batch ID Analysis Date: 5/4/2005

Method Blank		Method: EPA 8015 MOD. (Extractable)			
Parameter		Result	DF	PQLR	Units
TPH as Diesel		ND	1	50	µg/L
Surrogate for Blank	% Recovery	Control Limits			
o-Terphenyl	86.0	22 - 133			

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

QC Batch ID: DW050502

QC Batch ID Analysis Date: 5/4/2005

Method: EPA 8015 MOD. (Extractable)

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<20	1000	950	LCS	94.6			40 - 138
TPH as Motor Oil	<90	1000	770	LCS	76.6			40 - 138

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Diesel	<20	1000	1000	LCSD	103	8.7	25.0	40 - 138
TPH as Motor Oil	<90	1000	760	LCSD	76.4	0.26	25.0	40 - 138

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Quality Control - Method Blank

Liquid

QC Batch ID: WMS1050502

Validated by: MTu - 05/03/05

QC Batch ID Analysis Date: 5/2/2005

Method Blank Method: EPA 8260B

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.50	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	95.8	75 - 125
Dibromofluoromethane	113	75 - 125
Toluene-d8	108	75 - 125

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Quality Control - Method Blank Liquid

QC Batch ID: WMS1050502

Validated by: MTu - 05/03/05

QC Batch ID Analysis Date: 5/2/2005

Method Blank		Method: GC-MS			
Parameter		Result	DF	PQLR	Units
TPH as Gasoline		ND	1	25	µg/L
Surrogate for Blank	% Recovery	Control Limits			
4-Bromofluorobenzene	103	75	-	125	
Dibromofluoromethane	101	75	-	125	
Toluene-d8	106	75	-	125	

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

QC Batch ID: WMS1050502

Reviewed by: MTu - 05/03/05

QC Batch ID Analysis Date: 5/2/2005

Method: EPA 8260B

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.2	20	21	LCS	104			80 - 120
Methyl-t-butyl Ether	<0.3	20	22	LCS	112			80 - 120
Toluene	<0.2	20	20	LCS	98.5			80 - 120

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.2	20	20	LCSD	101	2.9	25.0	80 - 120
Methyl-t-butyl Ether	<0.3	20	22	LCSD	111	0.45	25.0	80 - 120
Toluene	<0.2	20	19	LCSD	96.5	2.1	25.0	80 - 120

Method: GC-MS

Conc. Units: µg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	120	130	LCS	101			65 - 135

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<6	120	120	LCSD	92.5	8.4	25.0	65 - 135

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Quality Control - Matrix Spike / Duplicate Results Liquid

Reviewed by: MTu - 05/03/05

QC Batch ID: WMS1050502

Analysis Date: 5/2/2005

Method EPA 8260B

Conc. Units: µg/L

Parameter	Sample Result	Spike Amount	Spike Result	QC Type	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
MS	SampleNumber: 43346-006								
Benzene	ND	20	18.6	MS	5/2/2005	93.0			65 - 135
Methyl-t-butyl Ether	ND	20	19.0	MS	5/2/2005	95.0			65 - 135
Toluene	ND	20	18.2	MS	5/2/2005	91.0			65 - 135

MSD	SampleNumber: 43346-006								
Benzene	ND	20	19.3	MSD	5/2/2005	96.5	3.7	25	65 - 135
Methyl-t-butyl Ether	ND	20	20.3	MSD	5/2/2005	102	6.6	25	65 - 135
Toluene	ND	20	19.4	MSD	5/2/2005	97.0	6.4	25	65 - 135

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Quality Control - Method Blank

Liquid

QC/Prep Batch ID: WM050503

Validated by: DQueja - 05/03/05

QC/Prep Date: 5/3/2005 1:00:00 PM

Method Blank

Method: EPA 6010B

Parameter	Result	DF	PQLR	Units
Lead	ND	1	0.0050	mg/L

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Quality Control - Laboratory Control Spike / Duplicate Results

Liquid

QC/Prep Batch ID: WM050503

Reviewed by: DQueja - 05/03/05

QC/Prep Date: 5/3/2005 1:00:00 PM

Method: EPA 6010B

Conc. Units: mg/L

LCS

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Lead	<0.001	0.50	0.49	LCS	98.2			75 - 125

LCSD

Parameter	Blank (MDL)	Spike Amt	SpikeResult	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Lead	<0.001	0.50	0.51	LCSD	102	3.4	25.0	75 - 125

Entech Analytical Labs, Inc.

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Santa Clara, CA 95054
(408) 588-0200

Chain of Custody / Analysis Request

Attention to: J. Gouzen		Phone No.: 510 732 6444 ext 17		Purchase Order No.: 4470		Invoice to: (If Different)		Phone:	
Company Name: DECON END SERVICES INC		Fax No.: 510 782 8584		Project No.: 4470		Company:		Quote No.:	
Mailing Address: 23490 Connecticut St		Email Address:		Project Name: JEFFERSON CAR WASH-GOUTS		Billing Address: (If Different)			
City: HARTFORD		State: CA		Project Location: 1050 VUE RD AVE, NARA CA		City:		State:	
Zip Code: 94545								Zip:	
Sampler: JMG		Field Org. Code:		Turn Around Time <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 Day <input type="checkbox"/> 4 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day		GC/MS Methods		GC Methods	
Global ID:				Sample		TPH - 6346 GMS		TPH - 015567	
Order ID:				Matrix		TPH - 6346 GMS		TPH - 015567	
Client ID / Field Point		Lab. No.		Date		Time		No. of Containers	
DISCHARGE POINT		43205-00		4/29/05		718		4	
Relinquished by: [Signature]		Received by: [Signature]		Date: 4/29/05		Time: 1227		Special Instructions or Comments	
Relinquished by: [Signature]		Received by: [Signature]		Date: 4/29/05		Time: 1335			
Relinquished by: [Signature]		Received by: [Signature]		Date:		Time:			
Metals:		Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, (Pb), Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Ti, Sn, Ti, Zn, V, W, Zr							
Plating		<input type="checkbox"/>		EDD Report		<input type="checkbox"/>			
LUFT-5		<input type="checkbox"/>		EDF Report		<input type="checkbox"/>			
RCRA-8		<input type="checkbox"/>							
PPM-13		<input type="checkbox"/>							
CAM-17		<input type="checkbox"/>							